

Remarks

Claims 1, 3-16, 18-21, and 23-38 are now pending in this application. Applicant has amended claims 1, 3, 5, 18-20, 23 and 25, cancelled claims 2, 17, and 22 and added claims 37 and 38 to clarify the present invention.

The Examiner indicated that claims 2-5, 22, 23, and 25 recite allowable subject matter. Applicant has amended claim 1 to include the subject matter of claim 2. Claims 3-5 depended from claim 2. Therefore, amended claim 1 and claims 3-16, which depend from claim 1 are allowable. Applicant has amended claim 19 to include the subject matter of claim 22. Therefore, claim 19 and claims 20, 21, and 23-36 should be allowable.

The Examiner objected to certain of the drawings. Applicant submits herewith under separate cover corrected sheets of drawings that address the issues identified by the Examiner. Applicant respectfully requests approval of the corrected sheets of drawings and withdrawal of the objections to the drawings.

The Examiner objected to claims 1-29. Applicant has amended the claims to address the objection to the claims. For example, Applicant amended claim 1 now recites "providing the adjusted defined positions to a control system of the robot". The amended claims recite using the determined positional errors/deviations to modify the control program for the industrial robot. Additionally, amended claim 19 recites a control system that utilizes the determined positional errors/deviations to modify the control program for the industrial robot in controlling movement

of the robot. Accordingly, Applicant respectfully requests withdrawal of the objection to the claims.

The rejection of claims 22, 23, and 25 under 35 U.S.C. § 112, second paragraph is no longer relevant since claim 22 is no longer pending and claims 23 and 25 now depend from amended claim 19. Accordingly, Applicant respectfully requests withdrawal of the rejection under 35 U.S.C. § 112, second paragraph.

The Examiner rejected claims 1-18, 22, 23, and 25 under 35 U.S.C. § 101. In view of the amendments to claims 1 and 19, these claims and all claims that depend from these claims recite statutory subject matter and Applicants respectfully request withdrawal of this rejection.

The Examiner rejected claims 17 and 18 under 35 U.S.C. § 101. Claim 17 is no longer pending. Applicant has amended claim 18 to recite a computer program product. Applicant has also added claim 38, which recites a computer program product. Accordingly, Applicant respectfully requests withdrawal of the rejection under 35 U.S.C. § 101.

The rejections under 35 U.S.C. §§ 102(b) and 103(a) are no longer relevant since only claims that the Examiner indicated recite allowable subject matter are now pending. Accordingly, Applicant respectfully requests withdrawal of the rejections under 35 U.S.C. §§ 102(b) and 103(a).

In conclusion, Applicants submit that this case is now in condition for allowance and

respectfully request favorable reconsideration of this case and early issuance of the Notice of Allowance.

If an interview would advance the prosecution of this case, Applicants urge the Examiner to contact the undersigned at the telephone number listed below.

The undersigned authorizes the Commissioner to charge fee insufficiency and credit overpayment associated with this communication to Deposit Account No. 22-0261.

Respectfully submitted,

Date: 12/5/06

A handwritten signature in black ink, appearing to read "Eric J. Franklin", written over a horizontal line.

Eric J. Franklin, Reg. No. 37,134
Attorney for Applicant
Venable LLP
575 Seventh Street, NW
Washington, DC 20004
Telephone: 202-344-4936
Facsimile: 202-344-8300